S
553.28
O1S
SEP 1962

STATE DOCUMENTS Jun 1977

MONTANA OIL AND GAS STATISTICAL BULLETIN

Montana State Library
3 0864 1006 0222 9

SHELVED WITH PERIODICALS
NOV 17 1962

ADMINISTRATORS
JAMES F. NEELY
EXECUTIVE SECRETARY
JOHN H. RISKEN
ATTORNEY
ROBERT M. WATKINS
PETROLEUM ENGINEER
BILLY B. LANE
GEOLOGIST

COMMISSIONERS
G. W. YODER, CHAIRMAN
215 E. MORRILL
SIDNEY, MONTANA
E. L. ANDERSON
210 SECOND S. E.
CUT BANK, MONTANA
TED HAWLEY
CONRAD, MONTANA
ALLEN ZIMMERMAN
BOX 277
POPLAR, MONTANA
WINSTON L. COX
2512 RAYMOND PLACE
BILLINGS, MONTANA

OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. X, No. 9 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — SEPTEMBER, 1962

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of September 1962, averaged 87,576 barrels daily, an increase of 57 barrels from the average August production of 87,519.

The nine refineries in State processed 87,258 barrels of crude oil daily for the month of September 1962, an increase of 1,683 barrels from the 85,575 barrels processed daily during the month of August 1962.

During September, 33 wells were completed, 15 oil, 2 gas wells and 16 dry holes.

During September, the commission issued 43 permits to drill new wells, an incerase of 7 from the 36 permits issued during August.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF SEPTEMBER 1962

IN STORAGE SEPTEMBER 1st:	
By Producers	352,319
By Transporters	903,221
By Refiners	585,823
TOTAL STORAGE	1,841,363
Produced in Montana During Month	2,627,294
Imported During Month	1,613,808
TOTALS	6,082,465
DISPOSITION:	
Refined in Montana	2,617,747
Exported	1,661,677
Used for Fuel or Lost	6,982
TOTAL	4,286,406
IN STORAGE SEPTEMBER 30th:	
By Producers	360,156
By Transporters	870,717
By Refiners	565,186
TOTAL STORAGE	1,796,059

NATURAL GAS WITHDRAWALS IN MONTANA

Month of September, 1962

Field	M Cu. Ft.
Bears Den	9,959
Big Coulee	54,124
Bowdoin	80,624
Bowes	72,539
Box Elder	0
Cabin Creek	98,385
Cedar Creek	173,759
Clarks Fork	0
Cut Bank (including Reagan)	687,613
Devon	12,155
Dry Creek	88,055
Elk Basin	34,023
Flat Coulee	1,417
Golden Dome	0
Grandview	20,789
Hardin	4,980
Havre	0
Keith Block	5,709
Kevin Sunburst	45,707
Pine	57,151
Plevna	16,268
Utopia	0
Whitlash	84,520
Miscellaneous	12,765
TOTAL	1,560,542

Total Withdrawals for September, 1961 were 2,151,828 M Cu. Ft.

PRODUCERS REPORT—MONTH OF SEPTEMBER, 1962

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	849	2,225	----	2,567	----	507
5	Bannatyne	9	1,402	1,259	----	1,232	----	1,429
1	Bascom	1	----	9,066	----	8,274	76	716
4	Bear's Den	5	1,575	2,383	----	2,472	----	1,486
1	Belfry	1	420	----	----	389	----	31
1	Benrud	1	250	3,315	3,199	----	----	366
12	Big Wall	31	4,452	34,051	34,284	729	48	3,442
10	Blackfoot	15	3,431	8,801	4,876	4,015	5	3,336
1	Border	1	88	93	----	----	----	181
1	Bowes	74	3808	15,908	15,744	----	----	3,972
1	Brady	1	----	380	380	----	----	----
2	Bredette North	2	1,575	552	1,508	----	----	619
2	Cabin Creek	99	6,663	291,225	290,875	----	----	7,013
17	Cat Creek	91	2,820	17,968	17,356	----	----	3,432
1	Clark's Fork North	1	1,579	1,176	----	1,176	----	1,579
1	Cupton	1	1,446	471	----	1,598	----	319
210	Cut Bank	1,103	117,896	158,731	152,391	4,299	306	119,631
3	Deer Creek	6	2,399	13,935	13,453	----	----	2,881
2	Delphia	2	333	286	----	197	----	422
1	Devil's Basin	1	1,242	120	----	----	----	1,362
4	Dry Creek	4	599	835	632	----	----	802
21	Dwyer	22	12,588	69,754	70,723	----	6	11,613
8	Elk Basin	60	3,695	310,548	305,257	----	----	8,986
----	Fertile Prairie	----	591	----	----	----	----	591
3	Flat Coulee	8	1,876	5,861	5,452	----	----	2,285
2	Frannie	2	758	1,582	1,646	----	----	694
2	Gage	2	566	652	802	----	1	415
4	Gas City	27	5,056	77,921	73,258	----	----	9,719
6	Glendive	11	2,273	35,651	34,698	----	----	3,226
1	Graben Coulee	1	177	452	334	----	----	295
4	Gypsy Basin	4	1,244	1,490	724	----	10	2,000
2	Hibbard	3	595	1,750	----	2,009	----	336
9	Ivanhoe	18	3,555	29,649	29,519	----	----	3,685
6	Keg Coulee	13	4,639	36,230	37,259	----	----	3,610
138	Kevin Sunburst	952	18,853	48,110	47,277	----	----	19,686
2	Little Beaver	24	4,283	33,694	33,387	996	----	3,594
4	Little Beaver, East	22	2,716	28,177	27,411	----	----	3,482
12	Lookout Butte	33	4,231	104,888	104,518	374	----	4,227
----	Mackay Dome	----	770	----	----	----	----	770
2	Melstone	5	1,558	7,226	7,346	----	50	1,388
6	Monarch	16	4,018	17,376	16,145	----	----	5,249
4	Mosser	4	----	781	----	781	----	----
7	Outlook	11	7,177	36,278	35,395	----	----	8,060
3	Outlook South	3	2,938	2,555	3,371	----	----	2,122
29	Pennel	58	7,949	133,262	116,217	19,804	----	5,190
4	Pine	149	14,309	377,902	376,983	1,526	182	13,520
75	Pondera	310	8,251	38,081	38,263	----	2	8,067
2	Pondera Coulee	2	144	341	341	----	----	144
5	Poplar, East	89	16,971	148,271	150,567	----	129	14,546
4	Poplar, Northwest	5	1,365	1,967	1,443	----	----	1,889
4	Ragged Point	15	2,310	17,550	17,997	----	----	1,863
3	Reagan	40	2,594	16,708	15,748	----	----	3,554
13	Red Creek	26	7,417	41,492	43,770	334	----	4,805
1	Redstone	1	547	999	1,167	----	----	379
1	Repeat	1	368	1,584	----	1,658	----	294
5	Richey	9	3,323	6,667	3,783	4,763	----	1,444
4	Richey, Southwest	5	2,213	12,302	12,493	----	----	2,022
4	Sand Creek	5	3,355	10,396	9,455	----	----	4,296
5	Sidney-Brorson	5	3,805	6,984	----	8,604	14	2,171
2	Snyder	4	713	780	----	676	----	817
5	Soap Creek	9	3,084	4,877	----	4,750	----	3,211
10	Stensvad	24	8,660	56,362	56,473	----	----	8,549
29	Sumatra	99	11,738	176,053	172,149	----	----	15,642
6	Tule Creek	8	3,127	78,319	78,101	----	----	3,345
12	Whitlash	28	5,317	10,294	----	11,771	----	3,840
2	Whitlash West	2	----	637	637	----	----	----
10	Wills Creek	17	2,320	27,389	27,126	----	----	2,583
9	Wolf Springs	18	4,096	21,123	19,994	----	----	5,225
4	Woodrow	6	655	19,899	19,221	----	95	1,238
1	Wildcat, Sheridan Cty	1	68	726	----	----	----	794
2	Wildcat, Rosebud Cty	2	636	2,924	2,391	----	----	1,169
778		3,632	352,319	2,627,294	2,533,539	84,994	924	360,156

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1961	30,906,044	84,674	30,855,175	84,534
First Quarter, 1962	7,758,129	86,201	7,754,899	86,165
Second Quarter, 1962	7,814,132	85,870	7,829,353	86,037
July, 1962	2,734,947	88,224	2,725,922	87,932
August, 1962	2,713,099	87,519	2,730,542	88,082
September, 1962	2,627,294	87,576	2,618,533	87,284

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage
December, 1961	386,286	940,839	629,288	1,956,413
March, 1962	385,453	877,194	559,443	1,822,090
June, 1962	363,128	924,225	624,679	1,912,032
July, 1962	371,274	968,952	438,469	1,778,695
August, 1962	352,319	903,221	585,823	1,841,363
September, 1962	360,156	870,717	565,186	1,796,059

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF SEPTEMBER, 1962

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,567				2,567		
BANNATYNE—Truck			1,232			1,232			
BASCOM—Truck			8,274				8,274		
BEAR'S DEN—Truck			2,472			2,472			
BELFRY—Truck			389				389		
BIG WALL									
McWood Corp.			729			729			
Glacier Pipe Line Co.		33,961				33,961			
		33,961	729			34,690			
BLACKFOOT—Union Oil Co.		4,876				4,876			
Truck			4,015					4,015	
		4,876	4,015			4,876		4,015	
BOWES—Texaco, Inc.		15,744				15,744			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	295,071	995,901		573,444			1,554,760		309,656
Shell Pipe Line Corp.	3,867	194,987		4,456	1,699			198,722	2,889
Truck			25,957					25,957	
	298,938	1,190,888	25,957	577,900	1,699		1,554,760	224,679	312,545
CAT CREEK									
Glacier Pipe Line Co.		15,614				15,614			
CLARK'S FORK—Truck			1,176				1,176		
CUT BANK									
Big West Oil Co.				7,547		7,547			
Darling Gathering System, Inc.	4,312	6,341						8,594	2,059
Glacier Pipe Line Co.				102,103		102,103			
Phillips Petroleum Co.	74,107	52,065		19,100	242	67,088		35,224	42,718
Texas Pipe Line Co.	19,647	20,261		4,381	38			26,627	17,624
Teton Pipeline Corp.	2,825	36,624		48,730	366			83,850	3,963
Union Oil Co.	133,175	54,947		31,645	(430)	97,744			122,453
Truck			4,299	224				4,523	
	234,066	170,238	4,299	213,730	216	274,482		158,818	188,817
DELPHIA—Truck			197				197		
DRY CREEK—									
Marathon Pipe Line Co.	8,381	632			(99)	2,619			6,493
ELK BASIN—Ohio Oil Co.		305,257				305,257			
FRANNIE—Ohio Oil Co.		1,646					1,646		
GAGE—Glacier Pipe Line Co.		802				802			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK									
Texas Pipe Line Co.	7,770	76,232			1,416			73,274	9,312
HIBBARD—Truck			2,009			2,009			
IVANHOE—Glacier Pipe Line Co.		28,932					28,932		
KEG COULEE									
Glacier Pipe Line Co.		37,163				15,540	21,623		
KEVIN SUNBURST									
Big West Oil Co.	4,390	63,439				62,070			5,759
Homestake Oil & Gas Co.	1,134	2,494		8,594		11,861			361
Texas Pipe Line Co.	5,696	20,872			216	15,215		4,381	6,756
	11,220	86,805		8,594	216	89,146		4,381	12,876
MELSTONE—									
Glacier Pipe Line Co.		7,346				7,346			
MOSSER—Truck			781				781		
PONDERA—Phillips Petr. Co.	12,452	40,181		29,703	239	67,662			14,435
POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY AND TULE CREEK									
East Poplar Gathering System	20,405	301,660			(305)	11,361		301,402#	9,607
Truck—McWood Corp.	965		4,763					5,475	253
	21,370	301,660	4,763		(305)	11,361		306,877	9,860
RAGGED POINT—									
Glacier Pipe Line Co.		16,309				12,179	4,130		
RED CREEK—									
Teton Pipeline Co.		48,245			483			47,762	
Truck			334	6,111				6,445	
		48,245	334	6,111	483			54,207	
SIDNEY-BRORSON—									
McWood Corp.	8,745		6,708					9,787	5,666
Truck			1,895				1,895		
	8,745		8,603				1,895	9,787	5,666
SNYDER—McWood Corp.			676			676			
SOAP CREEK—McWood Corp.	3,854		4,750			4,749			3,855
SUMATRA AND STENSVAD									
Crude Oil Pipe Line, Inc.	13,201	10,272				8,459			15,014
Glacier Pipe Line Co.	268,788	221,315			521	149,647	63,560		276,375
	281,989	231,587			521	158,106	63,560		291,389
WHITLASH—Truck			11,771			11,771			
WOLF SPRINGS									
Crude Oil Pipe Line, Inc.	14,436	19,746				18,713			15,469
TOTALS	903,221	2,633,864	84,994	836,038	4,386	1,057,046	1,689,930	836,038	870,717

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

#Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF SEPTEMBER, 1962

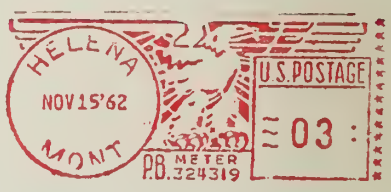
Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Petrofuels Rfg. Co., Inc.	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall		33,690								33,690
Blackfoot									2,378	2,378
Bowes			16,585							16,585
Cat Creek		18,223		6,108		1,875				26,206
Cut Bank	14,340							67,132	97,469	178,941
Delphia						117				117
Dry Creek				869						869
Elk Basin		68,045		137,959	99,253					305,257
Gage		802								802
Hibbard						579				579
Ivanhoe				431						431
Keg Coulee		15,540								15,540
Kevin Sunburst	60,996									60,996
Melstone				7,346						7,346
Pondera								68,235	440	68,675
Poplar							12,503			12,503
Ragged Point				12,179						12,179
Reagan									177	177
Red Creek					11,673					11,673
Richey, S. W.							14,012			14,012
Snyder		677								677
Soap Creek		4,837								4,837
Sumatra and Stensvad		94,843		63,263						158,106
Tule Creek							12,841			12,841
Whitlash	10,753									10,753
Wolf Springs					47,769					47,769
Total Montana Oil	86,089	236,657	16,585	228,155	158,695	2,571	39,356	135,367	100,464	1,003,939
Canadian Oil Imported									5,214	5,214
Wyoming Oil Imported		273,814		374,383	958,259	2,138				1,608,594
Total Montana, Canadian and Wyoming Oil	86,089	510,471	16,585	602,538	1,116,954	4,709	39,356	135,367	105,678	2,617,747

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1961	26,841	90	38,461	65,392
September, 1961	28,496	153	39,231	67,880
September, 1962	33,465	174	53,619	87,258

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1961	41.04%	.15%	58.81%
September, 1961	41.97%	.24%	57.79%
September, 1962	38.35%	.21%	61.44%



Montana School of Mines
Office of the President
Butte, Montana